U	i) (CAE	> <u>.</u> !.								SERIAL	io. 7/53 NT(S)		20	Fil	NG D	ATE		
Λ		CL	All	VIS	s OI	NL	Y			4001/04	1/5 5	1 / / /	, 0	丄				
U.	incu	(4	ર -	٠,١	込ろ	,				ATULA	M1{2}	·						
			4	1	1410	7	Œ	73-14	CLAIMS									
	AS P	TLED		ĀFĪ	ER IDMENT	1	AF	TER NOMENT			*		*					
	IND.	DER	IND.	-	DEP.	400	D.	DEP.	i i		IND.	OEP.	IND.	1				DE
1			1	-	/-	\vdash	+	 	1 1	271	1	OEF.	, MO.	- -"	EP.	ANI	^-	
2				7	-/-	1	+	 	1 1	52				7	<i>-</i>	⊢	7	-/
3				1	/		+	/	1	53		/	 	1		\vdash	H	+
2.4	1			_	1		1	//	1	54		1	-	++		1	1-1	+
5		1		П		T	1	17	1	55	1			+				/ -
6				П	1		1	/	1	56								
7				П			T	1	1	57		,		-		Н	7	
8		- 1		П			T]	58		i	\sqcap	\top		П	1	
9		1		11				1		59		1		П			7	
10		ľ		Щ		_		1]	₹ 6 0		j		Π			\mathcal{I}	
11		<u> </u>		44	1	_	┸	11		61		1		Ш			II	
12		1		#	ļ		+			62				44			Ш	
13	-,	 		#	+	—	+	 	 	63	<u> </u>	<u> </u>		44		\sqcup	Ш	
14				#	+	-	+	 		64 CF		+	1	- -		⊢	Ц	
16		- -	-	H	 	├一	+-	₩	 	65		 		++		⊢╢		
17		- 		H	 -	 	+-	/	1 1	66 67			\vdash	+				
18		i	-	H	ļ	+	1	 		68			 	++		-	-	
19	-	1		Н		1-	1:/	 	1	69		1		++		+H	-	
20				П		T	17		i i	270		1		-11-		Н		
21			_	7			17		1	71		- 1		-11		Н	H	
22		ŀ		7			II		1	292		1		-11		\sqcap	П	
23		1		II			IL]	73				T		П	П	
24				Ц]	74							П	
25				Ш		<u> </u>	_		}	75	*							
26				##		<u> </u>	<u> </u>	 		76				4_		Щ	Ш	
27		1		11		<u> </u>		ļ		77			_ -	#_		Ц	Ш	
28				H		-	-	<u> </u>]	78			-	#-		Н	1-4	
29 30				₩		+	╂-	-		79			-	Н-		$\vdash \downarrow$	+	
31				₩		\vdash	╀			80 81				4-			H	
32			-	Н		H	+-	-	1 1	82			 	╁		<u> </u>	₩	
2.53		- ;		H	 	+	+		1	83			 	+-		-	╢┤	
34		1		11	$ar{}$	1 +	+	 	1	84	-		1 1	+-			₩	
35		i		Ħ	1	Ħ	+		1	85			 \	. -		\vdash	Ш	
36		1.		Ħ	1	H	\top	-	1	86				H			Ш	
37		i		\prod		\Box]	87				11-				
38		;		\prod]	88				Π			11	
39		•		П		П	\Box]	89			Ш	V				
40		- ;		Щ	4	Ш			1	90			\coprod	1				
41		- 10		#		П		 		91			\Box	1				
42		├ ─┼┤		#	-	₩	-4	-	Į į	92			$\sqcup \bot$	-11				<u> </u>
43		1		#		+			.	93			$\vdash \vdash$			 _	\sqcup	1
45				╫		╁┼	-			94		<u> </u>					\vdash	+
45		1		#	+	╁┼	{		 	95			├-├-	++		- -	\vdash	+
47		- 1		#	+-	-			1	96 97	-		 	╁		-	$\vdash \vdash$	+
48	j			+		++		1		98			 	+		$\vdash \vdash$	-	+
49	-\' -	3	\dashv	+	+-			1	1	99			\vdash	+	-		-1	-1
50		' ,	1	+				 - 	1 1	100			\vdash	-	\vdash			
TOTAL				+	-(+		1	1	TOTAL	1/2	_	1	,	t	1		
TOTAL		_*		ل	_1	-			1	IND,		_1	X 2	+ لي			لې	-
DEP.		WOOD T		1:-	. pr 13 700 F	_		December 1		DEP.	43	g name	58	.	Pair at		7	
TOTAL CLAIMS		4 .23.3		¢	6.7%	1		7.7	j	TOTAL	691	: - <u></u>	اما		500		0 V	1
					* MAY E	BE US	SED I	FOR ADDI	TIONAL C	LAIMS OF	R ADMENI	DMENTS	Ų.S.08				-	



CLAIMS ONLY							Application Number Filing Date Og 1577, 180 Applicant(s)									
			AFTE	D FiDCT	ACTEC	SECOND	<u> </u>	May be u	sed for add	ditional clair	nsora	ame	ndments	+		
CLAIMS	AS FI	LED		R FIRST IDMENT		NDMENT	L									
	Indep	Depend	Indep	Depend	Indep	Depend			Indep	Depend	Ind	ер	Depend	Inde	эp	Depend
101				 /	1	 / 	ŀ	į 51 (52								/
103				+	\vdash	// 	<u> </u>	(53			 		/		\dashv	/
104				1		T = T		, 54					/			
105								55			\vdash				_	<u> </u>
196				 - - - - - - - - - 	$\sqcup \sqcup I$	4	<u> </u>	56			╀	\dashv			Н	
107			}	+ +	 - 		⊢	, 58		ļ	\vdash	\dashv			\vdash	
/ 0 8	 				 	1	F	(59		 						
110	 			1 1				160								
(. 11								(61			\Box	1			Н	
12				\vdash		4	ŀ	162				+			₩	
113			\vdash	++	┞┈┼┼╸	1 1	-	/ 63 / 64		-	⊢┤	+	 		╅┪	
(14 , 15	 			++	H	1 1	-	765				\dashv	 		††	
16				11			ľ	/ 66				\Box			$\perp I$	
117								167			Ш	\dashv			-1/1	
18				4	$\sqcup \sqcup$	4	-	/68				${\sf H}$	ļ		₩	
(19				 	 		⊢	169 170	<u> </u>		 	++	 	 	╫	
1 20				+	H	 	-	/71			 	H	 		╫	
22				+-	 	+	1	172		1		Ħ			1	
23	t t			1				773				\Box			\Box	
24							-	74			<u> </u>	\bot			-#	
25				₩	- - -	-	-	75 76			\vdash	+			-#	
26				 			F	177			\vdash	+			╢	
128	 			++	╂╌┼┼	+	-	78				T			-	
29				††				79							\blacksquare	
1 30								180				1		ļ	-#	
[31				 	!		L	{ B1			 	+		├	╂	
1 32	 			₩	 		- 1	182 1 83			 	++			H	
33 34	 			\\	1		_ F	/ 84			 	-17	†	\vdash	H	
35				N			t	/ 85				Ш			I	
36				TA				86				II			4[]	
37				/ \	1	1	<u> </u>	87	ļ		 	+	 	 	/	
[38				++-	 \	 	ŀ	88 89		 	├	+	 	\vdash	/-	
\39 \40				1	 \	+	 	1. 90		 	 	#	 	<u> </u>	Н	
141	 			/ \	+	(T		(91				П				
1 42						Λ		92				П	ļ			
143							Ĺ	93			.	\vdash	 	\vdash	_	
1 44			$\perp \perp$	1	┞-			94		 	 	\vdash	1	┞╌┤	\dashv	
1 46				+-+	 		∣ ⊦	95	 	 	1	$\vdash \vdash$	t			
46	 		 	 	1	++	 	j 97	 	<u> </u>			1			
48								98			\square		Y			
49								99			\Box			\Box		
50			7	1 7		1	-	200	<u> </u>	1	₩.		 	L	-	<u> </u>
Total		1	*		,	11		Total Indep			1			l		
Indep Total			 		 		 	Total		<u></u>	\vdash	_		—	4	-
Depend	1		•			1		Depend								
Total			1		1		l	Total Claims			1			I		



Filing Date Application, Number 09/507,180 **CLAIMS ONLY** Applicant(s) * May be used for additional claims or amendments AS FILED AFTER FIRST AFTER SECOND CLAIMS AMENDMENT AMENDMENT Indep Depend Indep Depend Indep Depend Indep Depend Indep Depend Indep Depend 251 252 253 254 255 256 257 201 202 203 1 204 205 206 207 J₋₅₈ 208 209 2 59 2 60 2 61 2010 2 11 2 12 213 2 14 2 15 2 16 2 17 2-62) 63 2 64 2 65 ⊋ 66 2.68 2.69 2.70 17 18 2 19 2 20 2 21 3 22 1 23 2 24 2 25 2 71 2 72 2 73 2 74 2 75 **2** 25 $\frac{225}{226}$ $\frac{227}{228}$ $\frac{229}{230}$ 2.76 2.77 2.78 2.79 2.80 2.81 2 31 2 32 2 33 2 34 2 35 2 36 2.82 2.83 2.84 2.85 286 287 288 289 290 291 291 2 37 2 38 2 39 2 40 2 41 2 42 2 43 2 44 2 45 2 46 93 94 95 96 2.47 2.48 2.49 2.50 97 98 99 100 Total Total Indep Indep Total Total Depend Depend Total Total Claims



		A 13.10.					1	Application OG/ Applicant(s)	Numb	er 7	16	20	Filing	Date		
	CL	AIMS (ONLY				L	09/	<u>53</u>	4	10				•	
							1	applicant(s)								
							丄									
	70	-15-44) ETER	CIDOT	ACTEO	CECOND I		May be us	ed fo		ition	al claim	s or amer	ndments	*	
CLAIMS	AS	FILED		R FIRST DMENT		SECOND DMENT	1									
	Indep	Depend	Indep	Depend	Indep	Depend			Inde	ep_	De	pend	Indep	Depend	Indep	Depend
1		_/_			_		╌	51 52			+					
3		 / 					ŀ	53		\dashv	_					
4		1/					Ĺ	54	\Box							
5							ŀ	55 56			\dashv				-	
6 7		-					ŀ	57	-	\dashv	-					
8	-	1					Ì	58								
9							- [59			-					
10		ļ		<u> </u>		 	ŀ	60 61		Н	+					
11	 	-				 	ŀ	62		Н	\mathcal{T}					
13	-						į	63			\mathcal{I}					
14							- }	64 65		H	+					
15 16	\longrightarrow	 			<u> </u>		ŀ	66		Н	Н					
17			- · · · · · · · · · · · · · · · · · · ·	<u> </u>			t	67		\perp						
18							Į	68		-1/				ļ		
19		ļ	ļ				- }	69 70		\forall		-				
20 21		 					ŀ	71		-/1						
22		1						72		Д						
23							ŀ	73 74		-#	<u> </u>		-			
24 25					 		ŀ	75		Н	-	-				
26		 		 			į	76		\Box						
27								77		\sqcup						
28		Щ					. }	78 79	-	Н	\vdash				-	
29 30			ļ	 			1	80								
31		H						81								
32								82 83	\vdash		₩					
33 34		+				<u> </u>	l	84	╌┼		H					
35		++		 	 		ì	85								
36								86	\Box		Н					
37				ļ				87 88			Н			 		1
38 39		++-	 	 	 	 		89	\vdash		H					
40	1	+++						90			П					
41						ļ		91	$\vdash \vdash$		╀			 	ļ	
42	├		!		!	 		92 93	┥		₩			 	-	
43	1	+	 			 		94			廿				<u> </u>	
45							1 1	95			Ц				ļ	
46						1		96 97	┞╌┤		╁				 	
47 48	+	++-	-	 	 	 		98			$\dagger \dagger$			<u> </u>		
49	 		100	1.	-			99	口		П					
50								100	<u> </u>		H			 		
Total	1			11	1			Total Indep							L]
Indep Total	 20 -						1	Total		4	۲		•	įŲ.	—	←
Depend	198			·				Depend	<u> </u>		γ		ļ	T	 	·
Total Claims	64	1				- 42		Total Claims	1				1	Ī		



							, Ap	pplication	Numbe /	er -		Filing) Date		
	CL	AIMS (YUNC				- 1	O 9/ pplicant(s)	53	7,,	180	1			
							A	pplicant(s)	-	1					
					•										
		15-04					*	May be us	ed for a	addi	tional claim	s or amer	ndments	*	
CLAIMS	. AS	FILED		FIRST		SECOND			•			*		_	
	1	Depend	Indep	DMENT Depend		DMENT Depend	-		Indep	, T	Depend	Indep	Depend	Indep	Depend
/0 1	Indep	Depend	indep	Depend	indep	Depend		∧ 51	,,,,,,	+	Boponia				
/O ₂	- f	 / 					r	1 52		ヿ					
1.08		/						153		\Box					
1 04								54		Ц		1,2			· .
19 5							<u> </u>	55		H	/			-	
106		\perp			<u> </u>		Ľ	56 57		₩					
107	I/					├	h	58		+	+				
108 109	H	_				-	H	1 59		#	1				
110	 	1						60		П	1				
1 11						*		61		\Box					
/12		I						62		Ш					
13	Ш					igspace	<u> </u>	63							
14	$\sqcup \sqcup$	ļ					-	64 65		-#			·		
15	┞╌┼╌┧				 	├──┤	⊢	66		+					
16	┞┼╾┤					 	-	67		11					
118		1					_	68		II					
1 19		H			,			1 69		\Box					
20								70							
\ 21							⊢	71				·		ļ	
22		\					 -	72		+			 		<u> </u>
23		 					-	174	 -	\dashv					
1 25	 	11			٠,			175		_					
1 26	- 	 					T	76							•
1 27								177		Ц					
28							.	78		\vdash					2-
1 29	 						⊢	79 80	\dashv	₩					
(30	1				 	 	⊢	181	-	╁┼					
31	1 1					 	 	82		Ħ					
(33		11						/83		П					
134		11						84		\Box					
35		W.					Ļ	85	_	-\					
136		V		ļ	1	ļ	ΙЦ	86		₩		 			
137	ļ	 	<u> </u>	<u> </u>		 	-	88				 		 	
1 39	 	-1 		ļ	 	1.	 -	89	\vdash				 	 	
140	 	11		 	 	1		90		\neg					
1 41	 	///	l	<u> </u>				/ 91							
142								92	$oxed{\Box}$	\Box					
43							-	93	 	_	 			 	
44	1 7	11			<u> </u>	 	-	1 94	\vdash		+	 	 	 	-
1 45	↓ /	44	 	<u> </u>		-	lŀ	95		\dashv	+		 	 	
46	 	++	 		 	 	 -	197	\vdash	\dashv	1		-		
148	 /-	++	 		 			98							
1 49	 / -	11	1					1 99							
150								1 2000	$\perp I$				ļ		
Total		1		1		II^{-}	[Total					1	l	
Indep	-	ا لِـ		اِ		الإ		Indep Total		_			<u>. </u>		
Total	1 1	←	⁴	Н-	⁴	•		Depend	l	-		1	_]	
Depend Total	┼		-	T	1	T		Total					T		
Claims	1	1	l	1	1	1	- 1	Claims				<u> </u>	1	1	



÷	CLAIMS	ONLY	Application Number 09/57), / 80 Applicant(s)										
				Applicant(s) /								
	10-150	1		May be used for additional claims or amendments									
CLAIMS	ASFILED	AFTER FIRST	AFTER SECOND	* * *									
	Indep Depend	AMENDMENT Indep Depend	AMENDMENT Indep Depend	<u> </u>	Indep	Depend	Indep	Depend	Indep	Depend			
1 (در	indep Depend	пись Берена	писр Есрепа	251	плавр	I							
1 x/) 2				251 252									
: 3 0ر				2.53		 	ļ		ļ	ļ			
104	/			2.54 2.55	 	 	<u> </u>		<u> </u>	 			
ე <u>პ 5</u> უა 6	 /			2.56	 	 							
207	11/	 		2.57		1							
)o 8	1/			3 -58		T	ļ			ļ			
).09		ļ		⊋_59		 	 		-	 			
<u>)</u> 10	 	 	 	2.61	 	 	 	 		\vdash			
2-11 2-12	 	 		2.62		 '			†	 			
2.13	<u> </u>			2 63									
214				64 ر		1				 			
2 -15		 		2.65 2.66	 	 		 	ļ	 			
1-16 1-17		 		2.67				 		 			
2.17	 	 	-	2.68		 				<u> </u>			
2.19	 	 		2. 69									
220				2.70		11.	ļ						
2-21				2.71	 			 -	ļ	 			
2-22	- / 	ļ		∂_73	 	 ,			 	 			
J-23 J-24	'1 \			274		1 7							
225	1			2.75				1					
226	\mathcal{X}			2.76		 		<u> </u>		 			
2-27		!		٦.77 78	ļ	l - , / -		 	 	 			
2-28 2-29	 			2-79	 	1		 	 	†			
230				2.80		l (
2-31	X			2.81									
2-32	7			<u>⊃ 82</u>	 	1		ļ		 			
2.33	<i></i>			2_83 2_84	 '	 		 	 	 			
2-34 2-35	 	 		2.85	†	 '/-	l —	 					
2.36	 	- X-		2.86						1			
2 37	1			_2_87		1 7		<u> </u>					
2.38			ļ	2_89	 	 	 		 	 			
<u>)</u> _39 40	 	 	 	2 89	1	171	 	 	 	+			
<u> 1</u> 40 <u>1</u> 41	 	 	 	2-91	1	 	t						
1 42	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			F 92									
) 43				93		<u> </u>		1	ļ				
2.44				94	 	-	 	 	 	 			
2.45	 	<u> </u>	 	95 96	╂	+	 	 	 	 			
) 46) 47	 	 	 	97	 	 	i	†	<u> </u>				
148	 			98									
Q-49				99						-			
2 /50				100	ļ	 	ļ		-	 			
Total				Total Indep					l				
Indep Total	 _			Total	1 4								
Depend	-			Depend				·	1				
Total				Total						1			
Claims	l			Claims			I		ــــــــــــــــــــــــــــــــــــــ				